## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **CERTIFICATE UNDER 37 CFR 1.10**

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on 7/8/\_, 2003 with the United States Postal Service in an erivelope as "Express Mail Post Office to Addressee," mailing label No. EV349852735US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450;

2003 Date

15563 U.S. PTO 10/616097 07/08/03

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ZHI-WEN SUN: RENREN HE: YOU WANG AND MICHAEL X. YANG

Title:

MULTIPLE-STEP ELECTRODEPOSITION PROCESS FOR DIRECT

COPPER PLATING ON BARRIER METALS

Transmitted herewith is the patent application identified above, including:

- $\boxtimes$ Specification, claims and abstract 25 Total Pages  $\boxtimes$
- **Drawings** ☐ Informal 2 Total Pages

Information Disclosure Statement with List

- $\boxtimes$ **Executed Declaration and Power of Attorney** П
- $\boxtimes$ Assignment of the Invention to Applied Materials, Inc.
- $\boxtimes$ Assignment Recordation Cover Sheet

## **FEE CALCULATION**

	NUMBER OF CLAIMS FILED	LESS NUMBER PAID BY BASIC FEE	NUMBER OF EXTRA CLAIMS (Not less than zero)	LARGE ENTITY FEE
Basic Fee				\$750.00
Total Claims	33	- 20 = 13	X \$18 =	\$234.00
Independent Claims	3	- 3 =	× \$0=	\$ .00
First Presentat	-0-			
	\$984.00			

- $\boxtimes$ The Commissioner is hereby authorized to charge \$984.00 to Deposit Account No. 50-1074/8241/CMP/ECP/RKK. A duplicate copy of this transmittal is enclosed.
- 冈 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074/8241/CMP/ECP/RKK. A duplicate copy of this transmittal is enclosed.
- 冈 Please address all future correspondence to:

Please direct all telephone calls to:

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Respectfully/submitted

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Robert W. Mulcahy Registration No.25,436

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